

**From:** [Wynja,Valerie \(ECCC\)](#)  
**To:** [Hamlet of Pond - Finance](#)  
**Cc:** [Duffe,Jason \(ECCC\)](#); [sao@pondinlet.ca](mailto:sao@pondinlet.ca)  
**Subject:** RE: ECCC Shoreline Mapping Project  
**Date:** April 11, 2023 11:52:00 AM

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Hi Coreen,  
Thank you very much for sharing it with your Environment and Protection committee.  
Best,  
Valerie

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**From:** Hamlet of Pond - Finance <[finance@pondinlet.ca](mailto:finance@pondinlet.ca)>  
**Sent:** Friday, April 7, 2023 2:20 PM  
**To:** Wynja,Valerie (ECCC) <[Valerie.Wynja@ec.gc.ca](mailto:Valerie.Wynja@ec.gc.ca)>  
**Cc:** Duffe,Jason (ECCC) <[Jason.Duffe@ec.gc.ca](mailto:Jason.Duffe@ec.gc.ca)>; [sao@pondinlet.ca](mailto:sao@pondinlet.ca)  
**Subject:** RE: ECCC Shoreline Mapping Project

Hi Valerie,

I don't have any immediate questions, however, I will share this with our Environment and Protection committee for their review.  
If they have any questions, I will contact you for further information.

Kind Regards,

**Coreen Green**  
**Director of Finance**  
**Hamlet of Pond Inlet**  
**P.O Box 180**  
**Pond Inlet, NU**  
**X0A-0S0**  
**Ph: (867) 899-8934 ext.1001**

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**From:** Wynja,Valerie (ECCC) <[Valerie.Wynja@ec.gc.ca](mailto:Valerie.Wynja@ec.gc.ca)>  
**Sent:** Thursday, April 6, 2023 3:58 PM  
**To:** [finance@pondinlet.ca](mailto:finance@pondinlet.ca)  
**Cc:** Duffe,Jason (ECCC) <[Jason.Duffe@ec.gc.ca](mailto:Jason.Duffe@ec.gc.ca)>; [sao@pondinlet.ca](mailto:sao@pondinlet.ca)  
**Subject:** FW: ECCC Shoreline Mapping Project

Hello Coreen,

I sent the below email to David Stockley at [sao@pondinlet.ca](mailto:sao@pondinlet.ca), but received an autoreply letting me know that David was out of office. David's out of office response directed me to you, and therefore I hope to share with you and the municipality of Pond Inlet some information about an upcoming shoreline mapping project I am planning with Environment and Climate Change Canada.

Please see the below and attached documents that I shared with David. I would be happy to connect to answer any questions or share more information about this project. If you are not the correct contact to share this information with, I would appreciate if you could redirect me to the appropriate person.

Thank you,  
Valerie

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**From:** Wynja,Valerie (ECCC)  
**Sent:** Thursday, April 6, 2023 3:44 PM  
**To:** [sao@pondinlet.ca](mailto:sao@pondinlet.ca)  
**Cc:** Duffe,Jason (ECCC) <[Jason.Duffe@ec.gc.ca](mailto:Jason.Duffe@ec.gc.ca)>  
**Subject:** ECCC Shoreline Mapping Project

Hello Municipality of Pond Inlet,

My name is Valerie Wynja and I work for Environment and Climate Change Canada's (ECCC) Science and Technology Branch in Ottawa. I would like to share some information with you and your community about the work that I hope to conduct on behalf of ECCC close to Pond Inlet this summer.

My team within ECCC has been funded under the Oceans Protection Plan 2.0 (OPP 2.0) initiative to collect key shoreline information in priority areas in the Arctic to improve our state of preparedness for oil spill related emergencies. Currently, there are large information gaps in baseline coastal mapping along Arctic shorelines and this lack of information impacts the ability to respond during an environmental emergency. An oil spill could have impacts on wildlife, the environment, and could have long-term effects on traditional food sources.

Establishing a pre-spill shoreline database can help us proactively understand the current state of the coastal environment, establish resources that will help us prior to an incident for response planning, and support spill response operations. Information included in the database includes details about the shoreline type (e.g., boulder beach, mixed sediment flat), form (e.g., beach, flat, cliff), the substrate (e.g., mud, rock, sand) and vegetation present, and is collected based on low altitude helicopter flights.

The southern coast of Lancaster Sound, Parry Channel and around Peel Sound have been identified as a priority area in the Arctic due to the large volume of ship traffic. We would like to perform shoreline mapping along to develop this valuable resource for both communities and spill responders. I have attached some additional background information about our shoreline mapping protocol in both English and Inuktitut, which provides more information about this project and data collection methods.

I recently applied for conformity determination through the Nunavut Planning Commission and will be applying for my Nunavut Research Institute scientific license shortly. I would be very interested

and happy to connect via email, phone or video call at your convenience to discuss this potential work and answer any questions you might have.

Looking forward to hearing back from you,  
Valerie

**Valerie Wynja**

Landscape Science and Technology Division | Division de la science et de la technologie du paysage  
Science & Technology Branch | Direction générale des sciences et de la technologie  
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